

Title (en)

A furniture device adapted to receive the weight of a being

Title (de)

Möbeleinheit zur Aufnahme des Gewichts einer Person

Title (fr)

Dispositif de meuble adapté pour supporter le poids d'une personne

Publication

**EP 2245967 B1 20130320 (EN)**

Application

**EP 09158832 A 20090427**

Priority

EP 09158832 A 20090427

Abstract (en)

[origin: EP2245967A1] A furniture device (1) comprising a section (70), the section comprising a fundament (3), a plate member (5), a first set of elastic members (7a), an array of connections (9), a plurality of connection members (15) attached to the first set of elastic members and to the fundament and a deformation member (20) adapted to displace the plate member. Each elastic member comprises an elastic element (22) having a first spring constant and a flexible envelope (24) that encloses the elastic element. The connections being located between the upper (10) and lower ends (11) of the elastic members forming an upper part (26) with an upper length (U) extending between the upper ends of the elastic members and the connections, and a lower part (28) with a lower length (L1, L2) extending between the connections and the lower ends of the elastic members. The upper length is mainly unaffected by the displacement of the plate member and the lower length is adjustable by means of the displacement of the plate member.

IPC 8 full level

**A47C 23/043** (2006.01); **A47C 27/06** (2006.01)

CPC (source: EP KR US)

**A47C 23/04** (2013.01 - KR); **A47C 23/0435** (2013.01 - EP US); **A47C 27/06** (2013.01 - KR); **A47C 27/061** (2013.01 - EP US); **A47C 27/062** (2013.01 - EP US); **A47C 27/064** (2013.01 - EP US)

Cited by

EP2801297A1; WO2017005486A1; EP2762042A1; RU2718336C2; KR20160019430A; RU2653474C2; EP2893847A1; ES2809494A1; CN114340448A; AU2014211711B2; RU2645575C2; WO2014117995A1; US10806271B2; WO2014180924A1; US10188218B2; US10694861B2; WO2021044068A1; EP3403540A1; WO2018210736A1; US11006764B2; EP2923610A1; US10624465B2; US10334957B2; EP2745745A1; WO2014095552A1; US10278512B2; EP3586682A1; WO2020002286A1; US11464345B2

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Designated extension state (EPC)

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